

**REMARKS**

Claims 1, 3, 6, 8, 10, 16, 18, 20-22, 25, 26, 33, and 34 are currently pending in the present patent application. The Examiner indicated that claims 21, 22, 33, and 34 were in condition for allowance. Applicant has amended claims 1, 3, 6, 8, 10, 16, 18, 20, 25, and 26. Applicant believes that this Non-final Office Action Response has added no new matter.

**Response to Objections**

The Examiner raised objections to claims 1, 3, 16, 18, and 20. Applicant has corrected the identified informalities and submits that the claims are in condition for allowance along with any claims that depend from the allowable claims.

**Response to 35 U.S.C. §101 Rejection**

The Examiner rejected claims 6, 8, 10, 25, and 26 under 35 U.S.C. §101 asserting that the claimed invention lacks patentable utility. Applicant has amended the claims to avoid claiming only the mathematical operations. Further, the claims have a practical application of manipulating a signal in order to despread the signal.

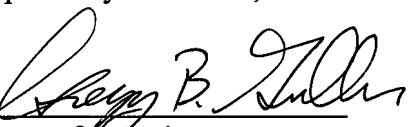
**Allowable Subject Matter**

Applicant acknowledges that claims 21, 22, 33 and 34 are in condition for allowance and thank the Examiner for such findings. Further the Examiner found that claims 1, 3, 6, 8, 16, 18, 20, 25, and 26 are allowable over prior if the objections and 101 rejections were addressed. The Applicant has addressed the objections and 101 rejections.

**Conclusion**

In view of the foregoing discussion and claim amendments, Applicant respectfully submits that claims 1, 3, 5, 6, 8, 10, 16, 18, 20-22, 25, 26, 33, and 34 as presented are in a condition for allowance, for which action is earnestly solicited.

Respectfully submitted,

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